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Shire International Licensing BV
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RESOLUTION

Whereas the Company wishes to authorise Shona McDiarmid, Vice-president Global Intellectual Property to execute and deliver for and on behalf of the Company, any documents, agreements or other instruments pertaining to any patent, trademark or copyright filing, prosecution, maintenance, defence or related issues, until such authority is revoked by resolution;

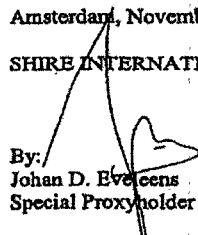
IT WAS RESOLVED:

PATENTS AND TRADEMARKS

1. THAT, until revoked by resolution, Shona McDiarmid, Vice-president Global Intellectual Property be authorised for and on behalf of the Company to execute and deliver any documents, agreements or other instruments pertaining to any patent, trademark or copyright filing, prosecution, maintenance, defence or related issues, as she in her discretion may approve, her approval of any such documents, agreements or instruments shall be conclusively evidenced by her execution and delivery of such documents, agreements or instruments.
2. THAT, until revoked by resolution, Shona McDiarmid, Vice-president Global Intellectual Property be authorized and directed to do all such acts and things and to execute or cause to be executed all such documents, agreements and other instruments as in such person's opinion may be necessary or desirable to complete the matters hereby approved and authorized.

Amsterdam, November 6, 2002

SHIRE INTERNATIONAL LICENSING B.V.

By: 
Johan D. Evencens
Special Proxyholder